

## Table of Contents Volume 102

ALMEIDA, F. F. DE: Das Ommochrom I als wahrscheinliche Vorstufe des Ommins in der Ommochromsynthese von <i>Plodia interpunctella</i> und <i>Ephestia kuhniella</i>	307
ARNOLD, C. G., see RANNEBERG, H.	27
BARTH, P. T., see BEACHAM, I. R., A. EISENSTARK, and R. H. PRITCHARD	112
BEACHAM, I. R., A. EISENSTARK, P. T. BARTH, and R. H. PRITCHARD: Deoxynucleoside-Sensitive Mutants of <i>Salmonella typhimurium</i>	112
BIELKA, H., and H. WELFLER: Characterization of Ribosomal Proteins from Different Tissues and Species of Animals by Electrophoresis on Polyacrylamide Gel	128
BRESCH, C., G. MÜLLER, and R. EGEL: Genes Involved in Meiosis and Sporulation of a Yeast	301
BRESLER, S. E., R. A. KRENEVA, and V. V. KUSHEV: Correction of Molecular Heterozygotes in the Course of Transformation	257
— V. A. LANZOV, and A. A. LUKJANIEC-BLINKOVA: On the Mechanism of Conjugation in <i>Escherichia coli</i> K 12	269
BROTHERS, L., see FRISTRÖM, J. W., V. MANCERO, and D. STEWART	1
CERDÁ-OLMEDO, E., see HEISENBERG, M.	187
EGEL, R., see BRESCH, C., and G. MÜLLER	301
EISENSTARK, A., see BEACHAM, I. R., P. T. BARTH, and R. H. PRITCHARD	112
FIETHEN, L., see SAEDLER, H., A. GULLON, and P. STARLINGER	79
FRISTRÖM, J. W., L. BROTHERS, V. MANCERO, and D. STEWART: Aspects of RNA and Protein Synthesis in Imaginal Discs of <i>Drosophila melanogaster</i>	1
GAJEWSKI, W., and J. LITWIŃSKA: Methionine Loci and their Suppressors in <i>Aspergillus nidulans</i>	210
GICHNER, T., J. VELEMÍNSKÝ, and J. KŘEPINSKÝ: Strong Mutagenic Activity of Streptozotocin — an Antibiotic with an Alkylnitroso Group	184
GRIGG, G. W.: Caffeine-Death in <i>Escherichia coli</i>	316
GULLON, A., see SAEDLER, H., L. FIETHEN, and P. STARLINGER	79
HASTIE, A. C.: Phialide Analysis of Mitotic Recombination in <i>Verticillium</i>	232
HAUSCHILD-ROGAT, P.: N-Formylmethionine as a N-Terminal Group of <i>E. Coli</i> Ribosomal Protein	95
HEISENBERG, M., and E. CERDÁ-OLMEDO: Segregation of Heterokaryons in the Asexual Cycle of <i>Phycomyces</i>	187
HEUMANN, W.: Conjugation in Starforming <i>Rhizobium lupini</i>	132
HIRSCH-KAUFFMANN, M., and W. SAUERBIER: Inhibition of Modification and Restriction for Phages $\lambda$ and T1 by Co-infecting T3	89
HOTZ, G.: UV-Sensitization of Phage $\phi$ X-174 by 5-Bromouracil	39
— On the Mechanism of Radiosensitization by 5-Bromouracil. Studies on $^{60}$ Co-gamma Irradiated Phage $\phi$ X-174 and its Single-stranded Infectious DNA	44
— A Characteristic Difference of Radiosensitivity between Phage Containing Single- and Double-Stranded Nucleic Acid	364
HUMBEL, E., see SEILER, J.	145
INOUE, M., see LORENA, M. J., and A. TSUGITA	69
JOCKUSCH, B., see JOCKUSCH, H.	204
JOCKUSCH, H., and B. JOCKUSCH: Early Cell Death Caused by TMV Mutants with Defective Coat Proteins	204
JORDAN, E., H. SAEDLER, and P. STARLINGER: $0^\circ$ and Strong-Polar Mutations in the gal Operon are Insertions	353
KANO, Y., A. MATSUSHIRO, and Y. SHIMURA: Isolation of the Novel Regulatory Mutants of the Tryptophan Biosynthetic System in <i>Escherichia coli</i>	15
KOLTIN, Y.: The Genetic Structure of the Incompatibility Factors of <i>Schizophyllum commune</i> : Comparative Studies of Primary Mutations in the B Factor	196
KRENEVA, R. A., see BRESLER, S. E., and V. V. KUSHEV	257
KŘEPINSKÝ, J., see GICHNER, T., and J. VELEMÍNSKÝ	184
KUSHEV, V. V., see BRESLER, S. E., and R. A. KRENEVA	257

LANZOV, V. A., see BRESLER, S. E., and A. A. LUKJANIEC-BLINKOVA . . . . .	269
LITWIŃSKA, J., see GAJEWSKI, W. . . . .	210
LOPPES, R.: Ethyl Methanesulfonate: an Effective Mutagen in <i>Chlamydomonas reinhardtii</i> . . . . .	229
LORENA, M. J., M. INOUYE, and A. TSUGITA: Studies on the Lysozyme from the Bacteriophage T4 eJD7eJD4, Carrying Two Frame Shift Mutations . . . . .	69
LUKJANIEC-BLINKOVA, A. A., see BRESLER, S. E., and V. A. LANZOV . . . . .	269
LUMB, J. R., A. S. SIDEROPOULOS, and D. M. SHANKEL: Inhibition of Dark Repair of Ultraviolet Damage in DNA by Caffeine and 8-Chlorocaffeine. Kinetics of Inhibition . . . . .	108
— see SIDEROPOULOS, A. S., and D. M. SHANKEL . . . . .	102
MALKE, H.: The Action of Nitrosoguanidine and other DNA-inactivating Agents on <i>Streptococcus pyogenes</i> K56 Strains with Normal and Reduced Dark Repair Ability . . . . .	241
MANCEBO, V., see FRISTRÖM, J. W., L. BROTHERS, and D. STEWART . . . . .	1
MATSUSHIRO, A., see KANO, Y., and Y. SHIMURA . . . . .	15
MICHAELIS, G., and P. STARLINGER: Suppression and the Sequential Appearance of the Galactose Enzymes in a Transferase <i>Amber</i> Mutant of <i>E. coli</i> . . . . .	367
MÜLLEB, G., see BRESCH, C., and R. EDEL . . . . .	301
NASHED, N.: On the Nature of Dominance in the <i>ad<sub>2</sub></i> Locus of <i>Saccharomyces cerevisiae</i> . . . . .	285
— A Lack of Noncomplementation Among Chemically Induced <i>ad<sub>2</sub></i> Mutants of <i>Saccharomyces cerevisiae</i> . . . . .	348
— see SCHWAIER, R., and F. K. ZIMMERMANN . . . . .	290
PRITCHARD, R. H., see BEACHAM, I. R., A. EISENSTARK, and P. T. BARTH . . . . .	112
RANNEBERG, H., and C. G. ARNOLD: Nicht-reziproke Rekombination als Erklärung aberranter Spaltungsresultate bei <i>Chlamydomonas reinhardtii</i> . . . . .	27
RÖHRBORN, G.: Chemische Konstitution und mutagene Wirkung. IV. Zyklische N-Lost-derivate . . . . .	50
SAEDLER, H., A. GULLON, L. FIETHEN, and P. STARLINGER: Negative Control of the Galactose Operon in <i>E. coli</i> . . . . .	79
— see JORDAN, E., and P. STARLINGER . . . . .	353
SAUERBIER, W., see HIRSCH-KAUFFMANN, M. . . . .	89
SCHMIEGER, H.: Die molekulare Struktur transduzierender Partikel beim <i>Salmonella</i> -Phagen P22. I. Dichtegradienten-Untersuchungen an intakten Phagen . . . . .	336
SCHWAIER, R., N. NASHED, and F. K. ZIMMERMANN: Mutagen Specificity in the Induction of Karyotic Versus Cytoplasmic Respiratory Deficient Mutants in Yeast by Nitrous Acid and Alkylating Nitrosamides . . . . .	290
SEILER, J., u. E. HUMBEL: Die Zytologie der Bastarde aus der Kreuzung parthenogenetischer Weibchen von <i>Solenobia triquetrella</i> F. R. mit Männchen der bisexualen Rasse. II. Zytologie und Morphologie der Bastarde aus der Kreuzung der diploid parthenogenetischen 2n ♀ × ♂ . . . . .	145
SHANKEL, D. M., see LUMB, J. R., and A. S. SIDEROPOULOS . . . . .	108
— see SIDEROPOULOS, A. S., and J. R. LUMB . . . . .	102
SHIMURA, Y., see KANO, Y., and A. MATSUSHIRO . . . . .	15
SIDEROPOULOS, A. S., J. R. LUMB, and D. M. SHANKEL: The Influence of Analogs of Xanthine on the Mutagenic Effect of Ultraviolet Light . . . . .	102
— see LUMB, J. R., and D. M. SHANKEL . . . . .	108
STAMBERG, J.: Two Independent Gene Systems Controlling Recombination in <i>Schizophyllum commune</i> . . . . .	221
STARLINGER, P., see JORDAN, E., and H. SAEDLER . . . . .	353
— see MICHAELIS, G. . . . .	367
— see SAEDLER, H., A. GULLON, and L. FIETHEN . . . . .	79
STEWART, D., see FRISTRÖM, J. W., L. BROTHERS, and V. MANCEBO . . . . .	1
TSUGITA, A., see LORENA, M. J., and M. INOUYE . . . . .	69
VELEMÍNSKÝ, J., see GICHNER, T., and J. KŘEPÍNSKÝ . . . . .	184
WELFLE, H., see BIELKA, H. . . . .	128
ZIMMERMANN, F. K.: Sensitivity to Methylmethanesulfonate and Nitrous Acid of Ultraviolet Light-Sensitive Mutants in <i>Saccharomyces cerevisiae</i> . (Cox, B. S. Comment on the Difference in Sensitivity to Various Mutagens Shown by Certain Mutants) . . . . .	247
— see SCHWAIER, R., and N. NASHED . . . . .	290

269  
210  
229  
69  
69  
08  
02  
41  
1  
15  
67  
01  
85  
48  
90  
12  
27  
50  
79  
53  
89  
36  
90  
45  
08  
02  
15  
02  
08  
21  
33  
37  
79  
1  
39  
34  
28  
17  
00